

Amendments to the Claims:

This listing of claims as required by 37 C.F.R. 1.121 will replace all prior versions and listing of claims in the application.

1-19. (Cancelled)

20. (Original) An immunostimulatory oligonucleotide compound, comprising:

an immunostimulatory dinucleotide of formula 5'-pyrimidine-purine-3', wherein pyrimidine is a natural or non-natural pyrimidine nucleoside and purine is a natural or non-natural purine nucleoside;

a 3'-3' linkage; and

one or two accessible 5' ends;

provided that the oligonucleotide is not complementary to the *gag* or *tat* gene of HIV-1.

21. (Original) The immunostimulatory oligonucleotide compound of claim 20, which oligonucleotide comprises two accessible 5' ends.

22. (Original) The immunostimulatory oligonucleotide compound of claim 20, wherein the immunostimulatory dinucleotide comprises a non-natural pyrimidine nucleoside.

23-38. (Cancelled)